

Comparisons of Job Characteristics

Focus Occupation: [Landscaping and Groundskeeping Workers \(37-3011\)](#)

Associated Occupation: [Highway Maintenance Workers \(47-4051\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 58

Focus Occupation: Landscaping and Groundskeeping Workers (37-3011)

Associated Occupation: Highway Maintenance Workers (47-4051)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Public Safety and Security	6.9	14.2	4.0	<<	Extensive education and/or training may be required
Building and Construction	4.0	12.2	4.7	<<	Extensive education and/or training may be required
Transportation	4.6	10.6	4.0	<<	Extensive education and/or training may be required
Law and Government	5.9	10.2	3.1	<<	Extensive education and/or training may be required
Telecommunications	3.9	6.9	2.0	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 85

Focus Occupation: Landscaping and Groundskeeping Workers (37-3011)

Associated Occupation: Highway Maintenance Workers (47-4051)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Operation and Control	5.4	11.4	9.0	<	A higher skill level may be required
Operation Monitoring	6.6	11.4	7.4	<<	Extensive development of skills in this area may be required
Troubleshooting	4.5	8.5	4.8	<<	Extensive development of skills in this area may be required
Quality Control Analysis	5.9	8.4	5.6	<<	Extensive development of skills in this area may be required
Equipment Maintenance	3.5	8.3	5.1	<<	Extensive development of skills in this area may be required

Repairing	3.4	7.9	5.3	<<	Extensive development of skills in this area may be required
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The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 87			
Focus Occupation: Landscaping and Groundskeeping Workers (37-3011) Associated Occupation: Highway Maintenance Workers (47-4051)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	13.3	10.2	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	12.9	11.2	<	Some improvement in abilities may be required
Reaction Time	4.8	10.8	6.2	<<	Extensive improvement in abilities may be required
Auditory Attention	5.9	10.5	6.1	<<	Extensive improvement in abilities may be required
Rate Control	3.8	9.8	5.8	<<	Extensive improvement in abilities may be required
Response Orientation	4.0	9.8	5.4	<<	Extensive improvement in abilities may be required
Speed of Limb Movement	3.2	8.7	5.0	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	6.9	3.4	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	5.5	3.7	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 70
Focus Occupation: Landscaping and Groundskeeping Workers (37-3011) Associated Occupation: Highway Maintenance Workers (47-4051)		
Work Activities	Exclusivity of Activity	
Drive truck with capacity greater than 3 tons	72	
Mix paint, ingredients, or chemicals, according to specifications	35	
Move or fit heavy objects	8	
Operate tractor with accessories or attachments	76	
Use hand or power tools	2	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 85

Focus Occupation: Landscaping and Groundskeeping Workers (37-3011)
Associated Occupation: Highway Maintenance Workers (47-4051)

Tools and Technologies	Exclusivity
Agricultural machinery for planting and seeding	33
Agricultural machinery for soil preparation	35
Building construction machinery and accessories	25
Cleaning equipment	11
Content authoring and editing software	1
Dispensing tools	6
Dispersing and spraying appliances for agriculture	26
Earth moving machinery	11
Forming tools	2
Garden tools	12
Heavy equipment components	21
Information exchange software	1
Ladders and scaffolding	6
Length and thickness and distance measuring instruments	2
Lifting equipment and accessories	3
Paint applicators and painting accessories	15
Paving equipment	35
Power generators	16
Power tools	2
Product and material transport vehicles	13
Pumps	9
Soldering and brazing and welding machinery and supplies	6
Specialized and recreational vehicles	17
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.